

03-19-02

AP  
1762



PATENT  
ATTORNEY DOCKET NO. 04148-00005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Layrolle et al. )  
Serial No.: 09/757,344 )  
Filed: January 9, 2001 )  
Title: METHOD FOR COATING MEDICAL )  
IMPLANTS )

Examiner: Jennifer Kolb  
Art Unit: 1762

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Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL LETTER

In regard to the above identified application, we are transmitting herewith the attached:

1. Amendment and Response to Final Office Action,
2. Version of Amendments with Markings to Show Changes Made,
3. Return postcard.

With respect to additional fees, no additional fee is required. The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account No. 19-0733.

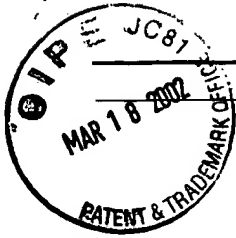
Respectfully submitted,

Dated: March 18, 2002

By [Signature]  
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**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

This is in response to the final Office Action dated January 17, 2002 (Paper No. 6). Please amend the above-identified application as follows.

**In the claims:**

27. (Twice Amended) A coated implant comprising an implant and a coating, wherein said coating comprises a deposit of crystals nucleated directly onto the implant from solution with the coating having an average bond strength to the implant of between 40 to 65 Mpa, wherein said coating comprises magnesium ions, calcium ions, and phosphate ions, and wherein said coating induces formation of bone cells from progenitor cells.